

CLAIMS

1. The use of hotmelt adhesives based on
  - a) at least one thermoplastic elastomer
  - b) at least one hydrocarbon resin
  - 5 c) at least one poly- $\alpha$ -olefin
  - d) at least one polar wax bearing functional groupsfor the production of digital versatile discs (DVDs).
2. The use claimed in claim 1, characterized in that the thermoplastic elastomer(s) a) is/are selected from the styrene/diene block copolymers
- 10 styrene/isoprene/styrene, styrene/butadiene/styrene and at least partly hydrogenated derivatives thereof or mixtures thereof.
3. The use claimed in claim 1, characterized in that component b) is selected from cycloaliphatic hydrocarbon resins, aromatic hydrocarbon resins, aliphatic hydrocarbon resins, aliphatic/aromatic hydrocarbon resins,
- 15 petroleum hydrocarbon resins and hydrogenation products thereof and mixtures of the above-mentioned resins.
4. The use claimed in claim 1, characterized in that component c) is selected from atactic  $\alpha$ -olefin copolymers and terpolymers of ethylene, propylene and/or 1-butene with a molecular weight range of 5,000 to
- 20 30,000.
5. The use claimed in claim 1, characterized in that component d) is selected from the group of functionalized polyolefins with a molecular weight range of 4,000 to 80,000 based on polymers of ethylene and/or propylene with acrylic acid, methacrylic acid and C<sub>1-4</sub> esters thereof, maleic acid, itaconic acid, fumaric acid, vinyl acetate, carbon monoxide or mixtures thereof.
- 25 6. The use claimed in claim 5, characterized in that the polymers of component d) have a saponification or acid value of 2 to 50 mg KOH/g.
7. The use claimed in at least one of the preceding claims,
- 30 characterized in that the hotmelt adhesive contains other typical auxiliaries

and additives selected from fillers, pigments, plasticizers, tackifying resins, antiagers, more particularly antioxidants and/or UV stabilizers, coupling agents or mixtures thereof.

8. A process for the production of digital video discs (DVDs),  
5 characterized by the following key steps:
- a.) applying the information layer to the disc blank,
  - b.) coating the information layer with a light-reflecting layer, optionally followed by application of an anti-corrosion layer,
  - c.) coating the reflective layer with a layer of the hotmelt adhesive claimed  
10 in at least one of claims 1 to 7,
  - d.) optionally printing the inside of the disc with graphics/text,
  - e.) optionally coating the print layer with a layer of hotmelt adhesive,
  - f.) bonding the two halves of the disc together under pressure using the hotmelt adhesive layer(s).

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